

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Original) A format for optical analysis of samples comprising:
an illumination input area;
an illumination light guide in optical communication with said illumination input area and forming an input light path;
a read window disposed approximately perpendicularly to said input light path;
a detection guide disposed approximately parallel to said input light path having one end proximate said read window and having a second end forming a detection output; and
one or more overillumination redirection facets adapted to redirect light overilluminating said illumination light guide away from said illumination light guide.

2. (Original) The format of claim 1 wherein said illumination light guide, said read window, and said detection guide comprise a light pathway, said format further comprising an illumination redirection facet in said light pathway between said illumination light guide and said read window.

3. (Original) The format of claim 1 wherein said illumination light guide, said read window, and said detection guide comprise a light pathway, said format further comprising a detection redirection facet in said light pathway between said read window and said detection guide.

4. (Original) The format of claim 1 further comprising a needle extending outwardly from said read window and adapted to deposit a sample onto said read window.

5. (Original) The format of claim 1 further comprising a dried reagent on said read window.

6. (Original) The format of claim 1 wherein said illumination light guide has an illumination light guide cross-sectional area and wherein said detection guide has a detection guide cross-sectional area larger than said illumination light guide cross-sectional area.

7. (Original) The format of claim 1 wherein said illumination light guide and said detection guide are molded of a unitary piece of optically clear material.

8. (Original) The format of claim 1 wherein said illumination light guide and said detection guide are molded of separate pieces of optically clear material joined into a single optical format.

9. (Original) The format of claim 1 wherein said one or more overillumination redirection facets are adapted to direct light overilluminating said illumination light guide approximately perpendicular to said illumination light guide.

10. (Currently Amended) The format of claim 1 wherein said one or more overillumination redirect facets is exactly number four and further wherein each of said overillumination direction facets is disposed at approximately a 45 degree angle from said illumination light guide.

11-20. (Cancelled)

21. (New) The format of claim 1 wherein said one or more overilluminating redirection facets include at least two overilluminating redirection facets.

22. (New) The format of claim 21 wherein at least two overilluminating redirection facets are disposed at approximately 45 degree angles from said illumination input area and adapted to direct overillumination light away from said illumination light guide.

23. (New) The format of claim 1 wherein at least one or more overilluminating redirection facet is disposed at approximately 45 degree angles from said illumination input area and adapted to direct overillumination light away from said illumination light guide.

24. (New) The format of claim 1 wherein said illumination light guide, said read window, and said detection guide comprise a light pathway, said format further comprising an illumination redirection facet in said light pathway between said illumination light guide and said read window, and a detection redirection facet in said light pathway between said read window and said detection guide.

25. (New) A format for optical analysis of samples comprising:
an illumination input area;
an illumination light guide in optical communication with said illumination input area and forming an input light path;
a read window disposed approximately perpendicularly to said input light path;
a detection guide disposed approximately parallel to said input light path having one end proximate said read window and having a second end forming a detection output; and
at least three overillumination redirection facets being adapted to redirect light overilluminating said illumination light guide away from said illumination light guide.

26. (New) The format of claim 25 wherein at least one of the least three overillumination redirection facet is disposed at approximately 45 degree angles from said illumination input area and adapted to direct overillumination light away from said illumination light guide.

27. (New) The format of claim 25 further comprising a needle extending outwardly from said read window and adapted to deposit a sample onto said read window.

28. (New) The format of claim 25 further comprising a dried reagent on said read window.